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Application Number	
Filing Date	17 FEBRUARY 2004
First Named Inventor	ASH ET AL.
Art Unit	2187
Examiner Name	
Attorney Docket Number	TUC920030154US1

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
N.M.		US- 4,704,641	11-03-1987	STOHS	
		US- 5,301,275	04-05-1994	VANBUSKIRK	
		US- 5,564,011	10-08-1996	YAMMINE	
		US- 5,649,093	07-15-1997	HANKO	
		US- 5,784,698	07-21-1998	BRADY	
		US- 5,897,661	04-27-1999	BARANOVSKY	
		US- 5,940,838	08-17-1999	SCHMUCK	
		US- 5,940,841	08-17-1999	SCHMUCK	
		US- 5,950,199	09-07-1999	SCHMUCK	
		US- 5,960,446	09-28-1999	SCHMUCK	
		US- 5,987,477	11-16-1999	SCHMUCK	
		US- 6,018,2000	01-25-2000	SORBER	
		US- 6,023,706	02-08-2000	SCHMUCK	
		US- 6,046,817	04-04-2000	BROWN	
		US- 6,094,695	07-25-2000	KORNHER	
		US- 6,449,612	09-10-2002	BRADLEY	
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
N.M.		EP 0 932 098 A2	07-28-1999	LEXMARK INT'L.		
N.M.		JP4-134523	05-08-1992	NEC CORP.		

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First Named Inventor

ASH ET AL.

Art Unit

2187

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TUC920030154US1

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IYER and WOLF (1991) IBM Technical Disclosure Bulletin 33:169

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